

METHOD AND A DEVICE FOR SUPPLYING FUEL TO A COMBUSTION CHAMBER

Abstract

Method and device (1) for supplying fuel to a combustion chamber that includes at least one main injector (3) and at least one pilot injector (2). The device includes a fuel tank (4), a line system (5) coupled from the fuel tank to the injectors (2, 3), a pump (6) for pumping fuel from the tank to the injectors, and a first regulator valve (7) for regulating the flow of fuel in a first line (8) in the system which is connected to the pilot injector (2). The device further includes a second regulator valve (9) for regulating the flow of fuel through a second line (10) in the system, which is connected to the pilot injector (2). The second regulator valve (9) is designed to regulate a substantially smaller flow than the first regulator valve (7).